| <br>Index of Claims |                      |                 |   |           |           |                |               |                |            |          |                |         | Application No. |                 |                     |                |           |              |            |                 | Applicant(s) |                  |          |  |                 |   |   |
|---------------------|----------------------|-----------------|---|-----------|-----------|----------------|---------------|----------------|------------|----------|----------------|---------|-----------------|-----------------|---------------------|----------------|-----------|--------------|------------|-----------------|--------------|------------------|----------|--|-----------------|---|---|
|                     |                      |                 |   |           |           |                |               |                |            |          |                |         | 10/680,564      |                 |                     |                |           |              |            |                 |              | MIYAKAWA, TAKUYA |          |  |                 |   |   |
|                     |                      |                 |   |           |           |                |               |                |            |          |                |         | Examiner        |                 |                     |                |           |              |            |                 | Art Unit     |                  |          |  |                 |   |   |
|                     |                      |                 |   |           |           |                |               |                |            |          |                |         | David Turoov    |                 |                     |                |           |              |            |                 | 1762         |                  |          |  |                 |   |   |
| <br>                | -                    |                 |   |           |           |                |               |                |            |          |                | '       | David Turocy    |                 |                     |                |           |              |            |                 | 1/0          |                  |          |  |                 |   | • |
|                     |                      |                 |   |           |           |                | Г             | (Through numer |            |          |                |         |                 |                 |                     |                |           |              |            |                 |              |                  |          |  |                 |   |   |
|                     |                      |                 | √ Rejected  |           |           |                |               |                | Cancelled  |          |                |         | ,<br>           |                 |                     | Non-Ele        |           | cted         | ted        |                 | Appeal       |                  |          |  |                 |   |   |
|                     |                      |                 | = Allowed   |           |           | ÷              |               | Re             | Restricted |          |                |         | I Interf        |                 | erfere              | rence          |           | 0            | Objected   |                 |              |                  |          |  |                 |   |   |
|                     |                      |                 |   |           |           |                | L             | L              |            |          |                |         |                 |                 |                     |                |           |              |            |                 |              |                  |          |  |                 |   |   |
| Claim               |                      |                 | Date  |           |           | -              | т-            | $\vdash$       | Claim      |          | <sub>T</sub> - | Da      |                 | te              |                     | $\overline{-}$ | Claim     |              |            |                 | Date         |                  |          | $\Box$   |                 |   |   |
| <u></u>             | inal                 | 90/             | 92  |           |           |                |               | 1 1            | <u></u>    | lag      |                |         |                 |                 |                     |                |           | <del>-</del> | Ē          |                 |              |                  |          |  |                 |   |   |
| Final               | Original             | 3/25/05         | 8/15/05   |           |           |                |               |                | Final      | Original |                |         |                 |                 |                     |                |           | Final        | Original   |                 |              |                  | ĺ        |  |                 |   | • |
|                     | 1                    | V               | 1   | +         | +         | -              | +             | Н              |            | 51       | +              |         | +-              | Н               |                     |                | +         |              | 101        | $\vdash$        |              | -                | -        | ╂  | $\vdash$        |   |   |
|                     | 2                    | 1               | 4   |           |           |                |               |                |            | 52       | $\exists$      |         | 1               |                 |                     | +              | $\forall$ |              | 102        | $\vdash$        | +            |                  | +-       |  | H               |   |   |
| <u> </u>            | 3                    | 1               | 1   | $\perp$   | $\square$ |                | 1             |                |            | 53       |                | 1       | 1               |                 |                     | $\perp$        |           | ·            | 103        | П               |              |                  | 1        |  | П               |   |   |
| -                   | 5                    | 7               | 1   | +         | $\vdash$  | +              |               | $\vdash$       |            | 54<br>55 |                | +       | +               | $\vdash$        |                     | +              | ++        |              | 104<br>105 | $\vdash\vdash$  |              | ┼                |          | <del>                                     </del> | Н               |   |   |
|                     | -6                   | Ħ               | -   | $\dagger$ | 1         | 十              |               | H              |            | 56       | _              | +       | +               |                 |                     | +              | +         |              | 106        | $\square$       |              |                  | -        | ╁┼┼  | Н               |   |   |
|                     | 7                    | П               | -   |           |           | _              |               |                |            | 57       |                |         | $\perp$         |                 |                     |                |           |              | 107        |                 |              |                  |          |  |                 |   |   |
| -                   | 8                    |                 | <b>√</b>  | - -       | ╁         |                | +             | H              |            | 58<br>59 |                | +       | ╁               | H               |                     | +              | +-        |              | 108<br>109 | -               | -            | $\vdash$         | _        | $\vdash\vdash$                                   | $\vdash$        |   |   |
|                     | 10                   |                 | _   | _         | T         | $\dashv$       |               | H              |            | 60       | $\dashv$       |         | +               | $\vdash$        | П                   | +              | H         |              | 110        | -               | +-           | $\vdash$         | <u> </u> | -  | $\forall$       |   |   |
|                     | 11_                  |                 | _   |           |           |                |               |                |            | 61       |                |         |                 |                 |                     |                |           |              | 111        |                 |              |                  |          |  |                 |   | • |
|                     | 1 <del>2</del><br>13 | 1               | <u>√</u>  | +         | +         |                |               | $\vdash$       |            | 62<br>63 | +              |         | ╁               | -               |                     | +              | +         |              | 112        | ┥               |              | ₩                | -        | <del>                                     </del> | $\vdash$        |   |   |
|                     | 14                   | 1               | 1   | +         | $\vdash$  | $\dashv$       | <del>- </del> | -              |            | 64       | $\dashv$       | +-      | +               | H               |                     | +              | $\forall$ |              | 114        | $\vdash$        | -            |                  | +        | ++   | $\vdash$        |   |   |
|                     | \$                   |                 | -   |           |           | $\Box$         |               |                |            | 65       | $\Box$         |         |                 |                 |                     | 1              |           |              | 115        |                 |              |                  |          |  |                 |   |   |
|                     | <del>16-</del><br>17 | 1               | <u>-</u>  |           | ╁╌┤       | _              |               | $\vdash\vdash$ |            | 66<br>67 | -              | - -     | +-              | $\vdash$        | _                   | +              | +         |              | 116<br>117 |                 | _            | <b> </b>         |          | <del>                                     </del> | $\dashv$        |   |   |
|                     | 18                   | H               | Ť   | _         | $\vdash$  | $\dashv$       | +             | H              |            | 68       | +              | +       | +-              | H               |                     | +              | +         |              | 118        | $\vdash$        |              |                  | +        | <del>                                     </del> | $\forall$       |   |   |
|                     | 19                   |                 |   |           |           | $\blacksquare$ |               |                |            | 69       |                | 工       | 工               |                 |                     |                |           |              | 119        |                 |              |                  |          |  | 口               |   |   |
|                     | 20<br>21             |                 |   |           | +         | +              |               | $\vdash$       | 1          | 70<br>71 | $\dashv$       | +       | +-              |                 | _                   | -              | +         |              | 120<br>121 | $\vdash \vdash$ | -            | ╁─┼              | +        | ╂  | $\vdash$        |   |   |
|                     | 22                   |                 | +   | +         | $\Box$    |                | +             | <del></del>    | 1          | 72       | $\dashv$       | +       | +               | $\vdash$        | _                   | $\dashv$       | ++1       |              | 122        | $\forall$       |              | ++               | +        | ╁─╁─   | $\vdash$        |   | • |
|                     | 23                   |                 |   |           | П         |                | $\top$        |                |            | 73       |                |         |                 |                 |                     |                |           |              | 123        |                 |              |                  |          |  |                 |   |   |
| -                   | 24<br>25             | Н               | +   | +         | $\vdash$  | +              | +             | H              |            | 74<br>75 | -              | - -     | +               | H               | -                   | +              | ++        |              | 124<br>125 | $\vdash$        |              | H                | +        | -  -   | +               |   |   |
|                     | 26                   |                 |   | _         |           | +              | T             | H              |            | 76       | _              | +       | +               | H               |                     |                | $\Box$    | -            | 126        | Н               |              | $\vdash$         | +        |  | $\vdash$        |   |   |
|                     | 27                   |                 |   |           |           |                | $\bot$        |                |            | 77       | $\Box$         |         | 1               |                 |                     |                |           |              | 127        |                 |              |                  |          |  |                 |   |   |
|                     | 28<br>29             |                 | -   |           | ╁┤        | $\dashv$       | +             | H              | -          | 78<br>79 | +              | +       | +               |                 | $\dashv$            | +              | +         |              | 128<br>129 |                 |              | $\vdash$         | +        |  | Н               |   |   |
|                     | 30                   |                 | -   | ╅         | $\vdash$  | $\dashv$       | +             | Н              |            | 80       | _              | _       | +               | $\vdash$        | $\dashv$            | +              | $\forall$ |              | 130        |                 |              |                  | +-       | -  | H               |   |   |
|                     | 31                   |                 |   |           |           |                | $\perp$       |                |            | 81       | 1              |         |                 | Щ               | 4                   |                | П         |              | 131        |                 |              | Ш                |          |  |                 |   |   |
| -                   | 32<br>33             |                 | +   | +         | $\vdash$  | $\dashv$       | +-            | Н              |            | 82<br>83 | +              |         | -               | $\vdash$        | -                   | +              | +         |              | 132<br>133 | Н               |              | $\vdash$         | +-       |  | $\vdash$        |   | • |
|                     | 34                   |                 | $\dashv$  |           | 1 1       | $\top$         | ╁╌            | Н              |            | 84       | $\dashv$       |         |                 | $\vdash$        | $\dashv$            | _              | $\forall$ |              | 134        |                 | _            |                  | +        | <del>    -</del>                                 | Н               |   |   |
|                     | 35                   |                 |   | 4         |           |                | $\perp$       |                |            | 85       | $\Box$         |         |                 |                 | $\Box$              |                | П         |              | 135        |                 |              |                  |          |  |                 |   |   |
| -                   | 36<br>37             |                 |   | +         | +         | +              | +             | H              |            | 86<br>87 | -              |         | +-              |                 | $\dashv$            | +              | ++        |              | 136<br>137 | $\vdash$        |              | ├                | _        |  | $\vdash$        |   |   |
|                     | 38                   |                 | $\top$  |           | $\Box$    |                |               | П              |            | 88       | $\dashv$       | 十       | +               | Н               | $\dashv$            | +              | H         |              | 138        | H               | -            | $\vdash$         | +        | $\vdash$   | $\vdash$        | • |   |
|                     | 39                   |                 | $\perp$   | 1         | П         |                | Ţ             |                |            | 89       | $\Box$         |         |                 |                 |                     |                | П         |              | 139        |                 |              |                  |          |  |                 |   |   |
|                     | 40<br>41             |                 | +   | +         | $\vdash$  |                | +-            | $\vdash$       | -          | 90<br>91 | $\dashv$       | +-      | +               | $\vdash$        |                     |                | ++        | -            | 140<br>141 | $\vdash$        |              |                  | <b></b>  | -  | $\vdash$        |   |   |
|                     | 42                   |                 | 士   | 士         |           |                | ᆂ             |                |            | 92       |                | $\perp$ | 1               | H               | _                   | _              |           |              | 142        |                 |              |                  | +        |  | $\vdash$        |   |   |
|                     | 43                   |                 | $\bot$  | T         |           | $\Box$         | I             |                |            | 93       | 4              | $\perp$ | $oxed{\Box}$    | П               | $\rightrightarrows$ |                | $\Box$    |              | 143        | П               |              |                  |          |  | $\square$       |   |   |
| <b> </b>            | 44<br>45             | $\vdash \dashv$ |   | +-        | $\vdash$  | +              | +             | Н              | -          | 94<br>95 | -              | +-      | +               | $\vdash \mid$   | -                   | +              | +         | -            | 144<br>145 | $\vdash \vdash$ |              | $\vdash \vdash$  | +        | ₩-   | $\vdash \vdash$ |   | • |
|                     | 46                   |                 |   | 士         | 口         |                |               | Н              |            | 96       |                | $\perp$ | $\top$          | H               |                     | $\dashv$       | H         | <b>-</b>     | 146        | $\vdash \vdash$ |              | $\vdash \vdash$  | +        | $\vdash$   | $\vdash$        |   |   |
|                     | 47                   | П               | $-\!$ | $\bot$    |           |                |               |                |            | 97       | $\Box$         | $\bot$  | $\bot$          | $\square$       | $\Box$              | 工              | П         |              | 147        | П               |              |                  | $\perp$  |  | П               |   |   |
| $\vdash$            | 48<br>49             | $\vdash$        | $\dashv$  | +         | ++        | +              | +             | H              | -          | 98<br>99 | +              | +-      | +               | $\vdash \vdash$ | $\dashv$            | +              | ++        | -            | 148<br>149 | $\vdash \vdash$ | +            | ├┼               | -        | $\vdash \vdash$                                  | $\vdash$        |   |   |
|                     | 50                   |                 |   | 土         | Ш         | 工              | 土             |                |            | 100      |                | 上       | 上               |                 | 士                   |                |           |              | 150        |                 | 1            |                  |          |  |                 |   |   |